

CERES shortwave (SW), longwave (LW) and window (WN) channel radiative fluxes are derived from empirical Angular Distribution Models (ADMs). For this data set, the Terra Edition2B ADMs are used to convert a measured radiance in a given Sun-Earth-satellite viewing configuration to a top-of-atmosphere (TOA) radiative flux. A new set of ADMs is under development for determining TOA fluxes from CERES-Aqua measurements. The new CERES-Aqua ADMs will be based on two years of global SSF Edition 1B CERES-Aqua radiances and cloud properties. Once the CERES-Aqua ADMs are available, they will be used to generate CERES-Aqua SSF TOA fluxes, which will be released on the CERES-Aqua Edition2A SSF data set.

Since the Terra Edition2B ADMs are being used to compute the Aqua Edition1B TOA fluxes, users are referred to [Terra Edition2B SSF section on CERES TOA Fluxes - Accuracy and Validation](#) for a detailed discussion.

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